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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/866,980	05/29/2001	Yoichi Morimoto	101188-10	7394

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EXAMINER

GOLD, AVI M

ART UNIT PAPER NUMBER

2157

DATE MAILED: 05/19/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/866,980	MORIMOTO ET AL.	
	Examiner	Art Unit	
	Avi Gold	2157	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 February 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) 2 and 13 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>2/25/05</u> | 6) <input type="checkbox"/> Other: _____ |

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DETAILED ACTION

The amendment received on February 22, 2005 has been entered and fully considered.

Claims 1, 7-9, and 12 were amended.

Claims 2 and 13 were cancelled.

Claims 1, 3-12, and 14-15 are pending.

Response to Amendment

Claim Rejections - 35 USC § 112

1. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

2. Claims 1 and 12 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. The storage of the response in memory and the deletion of the response from the memory are not present in the specification.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-15 are rejected under 35 U.S.C. 102(e) as being anticipated by Devine et al., U.S. Patent No. 6,763,376.

Devine teaches the invention as claimed including an integrated customer interface system for communications network management (see abstract).

Regarding claim 1, Devine teaches a service providing system comprising a system at service provider side for providing services to at least one client via a network (col. 4, lines 16-30, Devine discloses a web server and back end services that process client requests and provides services),

wherein said system at service provider side comprises a service server connected to said network and at least one application server for providing services, wherein the service server is connected to a first of the at least one application server over a first dedicated line having a first management IP address (col. 7, lines 1-15, Devine discloses a request from client to server that goes through a common communications service and the servers located within the MCI Intranet, col. 10, lines 8-16, Devine discloses traffic between client and application servers, col. 15, lines 51-60, Devine discloses the use of a designated IP address); and

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wherein the service server, upon receipt of a request by the client having a first IP address corresponding to the first management IP address, replaces the first IP address with the first management IP address and forwards the request over the first dedicated line to the first application server, wherein the first application server returns a response to the service server based on the request; wherein the service server, upon receipt of the response from the first application server, stores the response in a memory and returns the response to the client, and wherein the service server, following the return of the response, deletes the response from the memory(col. 7, lines 1-15, col. 10, lines 8-16, lines 30-52, Devine discloses the use of a virtual IP address, col. 17, lines 11-17, Devine discloses requests from clients forwarded to the appropriate server in the applications servers).

Regarding claim 3, Devine teaches a service providing system according to claim 1, wherein said application servers and said service server are connected together via ISDN where only designations from dedicated lines or from particular numbers are recognized (col. 9, lines 40-44, Devine discloses the use of ISDN to connect between servers).

Regarding claim 4, Devine teaches a service providing system according to claim 1, wherein said service server has at least one function to support the work conducted in said application servers (col. 17, lines 11-17, Devine disclose a StarOE server checking requests to be forwarded to application servers).

Regarding claim 5, Devine teaches a service providing system according to claim 1, wherein said network is Internet, Intranet, WAN or LAN (col. 9, lines 40-50, Devine discloses that the network is LAN).

Regarding claim 6, Devine teaches a service providing system according to claim 1, wherein one or more of said application servers constitute a client (col. 17, lines 11-17).

Regarding claim 7, Devine teaches a service providing system according to claim 6, wherein said network is WAN or LAN (col. 9, lines 40-50).

Regarding claim 8, Devine teaches a service providing system according to claim 4, wherein said function for supporting the work conducted in said application servers includes at least one selected from the group consisting of an illegal access preventing function, a virus checking function, a data cleaning function, a data converting function, a data storing function, a data value added distributing function, and a data backup function (col. 7, lines 6-16, Devine discloses the use of a firewall).

Regarding claim 9, Devine teaches a service providing system according to claim 4, wherein said function for supporting the work conducted in said application servers includes at least one selected from the group consisting of an illegal access preventing function, a virus checking function, a data cleaning function, a data converting function,

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a data storing function, a data value added distributing function, a data backup function, a data exchange history storing function between said application servers, a data protocol conversion function, and a dataware house analyzing result distributing function (col. 7, lines 6-16).

Regarding claim 10, Devine teaches a service providing system according to claim 1, wherein a plurality of service servers are provided and at least one of them backs-up the others (col. 9, lines 15-20, Devine discloses the use of midrange servers).

Regarding claim 11, Devine teaches a service providing system according to claim 1, wherein a plurality of service sewers are provided so that a load of the system is distributed to the plurality of service servers (col. 17, lines 1-5, Devine discloses a TrafficView Server, an Inbox server, and a Network Manager server).

Claims 12-15 do not teach or define any new limitations above claims 1-11 and therefore are rejected for similar reasons.

Response to Arguments

5. Applicant's arguments with respect to claims 1-15 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U.S. Pat. No. 6,754,831 to Brownell.

U.S. Pat. No. 6,662,228 to Limsico.

U.S. Pat. No. 6,505,254 to Johnson et al.

U.S. Pat. No. 6,219,706 to Fan et al.

U.S. Pat. No. 5,958,016 to Chang et al.

U.S. Pat. No. 6,701,363 to Chiu et al.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Avi Gold whose telephone number is 571-272-4002.

The examiner can normally be reached on M-F 8:00-5:30 (1st Friday Off).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Avi Gold
Patent Examiner
Art Unit 2157

AMG



SALEH NAJJAR
PRIMARY EXAMINER